Ref: QECD/BBMP/YNK/PMC-16/P-3/2020-21/01 **Date: 19-08-2020**

To,
The Executive Engineer,
Yelahanka Division,
Yelahanka Zone,
Bangalore-560064.

From,
Qualiex Civil Design & Consultancy,
#42, 18th Cross, Sri Rampura Main Road,
Jakkur, Amruthahalli,
Bangalore-560064.

PMC CERTIFICATE

Sub: Certifying the 1st and Part for the Work of **"Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)".**

With Respect to above subject, this is bring to your kind information that we have scrutinized the 1st & Part Bill submitted by **"Sri.Rajeswaren Satheesh (Sathya Constructions)"**, Contractor, No:600 Down Bazar Road, Yelahanka, Bangalore towards the above work. The work has been completed satisfactorily.

Sl No	Discription Work	Unit	Quantity	Amount in Rs.
1	Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains	Cum	802.20	226518.20
6	KSRB 2-2 Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc	Cum	611.15	207223.99
7	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited	Cum	424.67	58269.31
8	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand	Cum	113.08	311466.71

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AE-02

9	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded	Cum	80.01	471258.90
10	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered	Cum	183.88	958335.97
11	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones	Cum		
	Quantity upto 125%	Cum	43.52	270620.05
12	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints	Sqm		
	Quantity upto 125%	Sqm	193.44	30710.53
13	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded	Cum		
	Quantity upto 125%	Cum	6.63	40764.89
14	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm	Cum	135.80	871446.31
15	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work TMT bars Fe500 including straightening, cutting, bending, hooking	Tonne	13.17	1059841.35
16	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings	Sqm	194.04	56770.28
	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post	Sqm	270.98	79280.62
18	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits	Sqm	196.38	62800.36
19	KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks having block of size 400x200x200mm density	Sqm	504.95	522224.34
20	KSRB15-3 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including	Sqm	1039.27	340599.96
21	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give	Sqm	1039.27	102534.38

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30	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable	Nos	1.00	7742.95
31	Fabrication, providing and erecting in position Hot dip galvanised Gate using 72 x72 x 4mm Sq. GI Pipe frame with top pipe bending	Sqm	6.84	89595.45
	EIRL-ITEMS			
E-1	Geophysical Investigation of site for sinking Borewell for supplying drinking water to the habitation either through a hand pump,	Each	1.00	3956.40
E-2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata	m	50.00	18217.50
E-3	b) 50.00 to 100.00 mtrs	m	50.00	23205.00
E-4	c) 100.00 to 150.00 mtrs	m	50.00	23940.00
E-5	d) 150.00 to 200.00 mtrs	m	50.00	28140.00
E-6	e) 200.00 to 250.00 mtrs	m	50.00	33285.00
E-7	f) 250.00 to 300.00 mtrs	m	50.00	36750.00
E-9	Supply of ISI mark 175mm nominal bore,Plain end steel casing pipe -grade of steel FE-410 of Wall thickness 5.4mm thick confirming	m	60.00	83475.00
E-10	Providing 175 mm dia MS Collar (PRED SR-2012-13 page iii item86)	Each	7.00	1102.50
E-11	Providing 175 mm dia MS Cap (PRED SR-2012-13 page iii item85)	Each	1.00	105.00
E-12	Providing, supplying to work site,and fixing Submersible Pump Sets of 150mm dia suitable for bore well and confirming to IS 8034:3.	Nos	1.00	82265.40
E-13	Erection of pump set including aligning and balancing with all necessary erection materials and labour including supply	Nos	1.00	1890.00
E-14	Supplying and Drawing 3 Core Flat PVC Shelted Submerisible Pump Cable Manufactured With Electrolytic grade copper with flexible	m	660.00	218295.00
E-15	Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials,	Nos	1.00	1412.40
E-16	Supplying and fixing 50mm GM Gate valve PWD SR 2018-19 Pg No:XXVI Item No: 661	Nos	1.00	1468.23
E-17	Supplying and fixing 50mm GI Union PWD SR 2016-17 Page No: XXXIX, Item No: GI Pipe Fitting Components	Nos	1.00	234.89
E-18	Supplying and fixing 50mm GI Elbow PWD SR 2016-17 Page No: XXXIX, Item No: GI Pipe Fitting	Nos	2.00	234.78

	Components			
E-19	Supplying and fixing 50mm GI Short Bend PWD SR 2016-17 Page No: XXXIX, Item No: GI Pipe Fitting Components	Nos	2.00	459.90
E-20	KSRB13-3.1: Providing and fixing in trenches galvanised / mild steel tubes (medium grade) nominal bore with all fittings	m	310.00	133871.64
E-21	Supplying of TPST with rewirable porcelain channels in SM enclosure. Made out of 14 SWG powder coated paint of approved colour. (Page No-24 , Item No-5.5.1, ELE SR 2019-20)	Nos	1.00	3654.00
E-22	Supplying and fixing LED Type panel board indicating lamp with required colour Suitable for 220 V AC 50Hz 12/24 V DC Group 'A' (Page No-29 , Item No-5.38, ELE SR 2019-20)	Nos	3.00	1354.50
E-23	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia	Nos	1.00	3149.69
E-24	Supplying and fixing of A class (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing	m	4.00	1596.00
E-25	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable	m	24.00	7560.00
E-26	Labour charges for laying 1.1 KV class UG cable when supplied by agencies in existing trenches GI pipe/stoneware pipe/on wall/on pole as required (Page No-41 , Item No-6.5.1, ELE SR 2019-20)	m	24.00	297.36
E-27	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound	Nos	1.00	648.90
E-28	Supplying and fixing of Porcelain fuse channel with cut-out on existing / new wooden panel using necessary nuts,bolts and washers etc. 32Amps (Page No-25 , Item No-5.7, ELE SR 2019-20)	Each	6.00	1430.10
E-29	Supplying and Fixing angle iron Frame Work Fabricated out of MS Angle iron and MS flat With Bolts, Washer etc., and Painted	m	5.00	1338.75
E-30	Supplying Fully Automatic Star- Delta Starter Unit Push Button Type With Suitable Wires 3 Contractors, One Adjustable Thermal	Nos	1.00	8400.00
E-31	BESCOM Deposit charges and misc	Ls	1.00	15000.00
E-32	Providing and Installing at site of work P.V.C.pipes including cost of pipes and specials and labour, including lowering into trenches,etc.complete PVC pipes of 6 kg/cm2 63mm dia	m	70.00	8232.00

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AE-02

E-33	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold	m	50.00	8124.90
E-34	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as	sqm	22.36	24737.36
	Total Amount			**6545837.00**

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Thanking You,

Yours Faithfully

For Qualiex Civil Design & Consultancy

Authorized Signature